816

SHIELDS 1-23 FEDERAL NW SE 23-41N-1W COCONINO CO.

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OUNTY COCONINO		AREA 11 mi. E. F	redonia LEASE NO	. Federal A-10457
ELL NAME SHIELDS	S EXPLORAT	ION CO. 1-23 fede	ral	
OCATION NW SE	SEC 23	TWP 41N RANG	E 1W FOOTAGE 232	23' FEL, 2063' FSL
LOCATION NW SE ELEV 4983' GR		m numm Gl G	STATUS DATE	TOTAL SSO
CLEV 4903 GR	KB SPU	D DATE 9-14-8:	COMP. DATE	16 06330
CONTRACTOR Jim Wi	lliams Wel	1 Drilling, P.O. I	Box 102, Skull Valley	, AZ 00330
CASING SIZE DEPTH	CEMENT	LINER SIZE & D	EPTH DRILLED BY	ROTARY
			DRILLED BY	CABLE TOOL
			PRODUCTIVE	RESERVOIR
			INITIAL PRO	DUCTION
DODALIMY ON MODE	DEDELLE	SOURCE	REMARKS	
FORMATION TOPS	DEPTHS	L.L. E.L.	REPIARES	
				<u> </u>
			·	
	<u> </u>		DDOD THERRIAL O	CAMPLE LOG
ELECTRIC LOGS	PER	FORATED INTERVALS	PROD. INTERVALS	SAMPLE LOG SAMPLE DESCRP.
			-	SAMPLE NO. 1851
				CORE ANALYSIS
REMARKS	<del></del> · · · · <del>_</del>			APP. TO PLUG
				PLUGGING REP.
				COMP. REPORT
WATER WELL ACCEPTED I				
BOND CO. Ins. Co.	of North A	merica (filed P/N	775) BOND NO. KO DATE 3-4	01 75 67 5 4-81
BOND AMT. \$ 25,000	· · ·	cancelled 9-29		N REPORT X
FILING RECEIPT 2294		LOC. PLAT x	WELL BOOK ×	PLAT BOOK x
API NO. 02-005-2002	5	DATE ISSUED 8-5-	DEDICATION	N/2 SE/4
PERMIT NUMBER 816		Cover		

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				PLUGGIN	IG	REC	ORD	(	,			
Operator	T OD LOT OF	MD 8 277.7	·		П	Addre		ם מנו	ACTETO	DAT TOAD	ES CV 0002	,,
SHIELDS EXP					Nell	320 BELLINO DR. PACIFIC PALISADES, CA 90272  No.   Field & Reservoir					<u>-</u>	
or lessor's name if f	aa laasa	-10457		1	1–2	23 Wildcat						
Location of Well 23	23 FEL & 20		Sec.	23, T41N-	-R1	W, C	&SRBM			ock & Surve	COCONINC	
Application to drill	this well was filed	in name of		is well ever red oil or gas	T	Chara	cter of well a	t comp	letion (initial Gas (MC	al production (F/day)	Dry?	
SHIELDS EXP	LORATION CO	MPANY		NO		_			<del></del>		YES	
Date plugged: : 2/ 5/9	0		Total	•			nt well produ (bbls/day)		hen plugged Gas (MC	l: CF/day) 	Water (bbls/d	lay)
Name of each form oil or gas. Indicate open to wellbore a	ation containing which formation	Fluid conte		ech formation		Depth	interval of ea	ich forn	nation .	Indicate zo	& depth of plugs ines squeeze cem unt cement	used. ented,
Moenkopi (Op	en to Wellh	ore)	Dı	~v			0–40		]	Ran 4+vc	ls 3/8'min	ມຣ
Kaibab	11 11 11			ter Top40	o٠		40-54				ncl wet so	
							··-		1	ising ti	ans cmt ti	rk-
·····		<del> </del>					<u> </u>			Filled	to 50'.Rai	n hose
		<u> </u>					·		·	&pumped	1 8sx cmtt	o ŒL.
<u></u>	<del> </del>	<u> </u>		CASI	NG F	RECOF	RD			Welded	steel pla	te
Size pipe	Put in well (ft.)	Pulled out	(ft.)	Left in well (		Give metho cas	depth and od of parting ling (shot, ped, etc.)			Packers and	shoes	-
7"	58'			581			` <b>.</b>	n	one			
											<del></del> -	
		3										
							_					
		1										
	ed with heavy drilli						cate deepest f			ng fresh wate	r.	
See data u	nder cement	ing & as	per	<u>mit inApp</u> ADJACENTL	olio EAS	E OPE		IBAB		IE SUREACI	-	
Name	NAMES AND		dress	ADJACENT L	.EA3	COFE	na i una ui			on from this		
									-	·		<del></del>
	T DINOT		TOTAL	TOONER AT	3.T/7	ONTA				(ADVITE)		
CHATTERL	Y RANCH		FRE	DONIA, AF	112	ONA			- P	ORTH		
In addition to other information required on this form, if this well was plugged back for use as a fresh water well, give all pertinent details of plugging operations to base of fresh water sand, perforated interval to fresh water sand, name and address of surface owner, and attach letter from surface owner authorizing completion of this well as a water well and agreeing to assume full liability for any subsequent plugging which might be required.												
Use reverse side	for additional detail	l. Steel Di	late:	Shielde	Fed	1 7-9	3 NENEW	I 523	3 41N_1	7.A-1045	57. AZ 816	<del> </del>
Use reverse side for additional detail. SteelPlate: ShieldsFed 1-23, NENEW S23 41N-1W, A-10457, AZ 816  CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the												
Date						<del>- 1</del>	Signature	$\sqrt{2}$				
Permit No.	816					F	OIL 8	_	CONSER' Pluggin	ARIZON/ VATION C g Record ne Copy	A Ommission	

4/82

LICATION TO PLUG AND ABANDO

RODUCING HORIZON NONE N/A PRODUCING FROM N/A TO  COMPLETE CASING RECORD.  7" casing cmtd @ 57' 5" Open hole 6½" Hammer Drill with Air from 57' 5" to 540'.  2. FULL DETAILS OF PROPOSED PLAN OF WORK.  WELL SF 1-23 is Planned for ABANDONMENT in accord with USDI-BLM Rules and State of Arizona Oil and Gas Commission Regularions. PROPOSED WORK: 1/ Well SF 1-23 will be filled with 3/8"minus Filler from 540' to approximately 60' using transit mix cement true and approx. 4 yds of the filler mix.  2/ Using small pickup cement truck, plan to cement Well from approx. fillup point, 60', to ground level & abnul 3/8 Weld %"steel plate to top 67 7'csg cut to Grd Level. Plate reads; SHIELDS FED 1-23 NWNWSE S23 4IN IW AZ 816  DATE COMMENCING OPERATIONS FEBRUARY 5, 1990 (Subject to weather) Will confirm.  NAME OF PERSON DOING WORK Shields - Chamberlin ADDRESS KANECO, Kanab, Utah	EDATOR SHIELDS EXPLORATION COM	SPECT 320 BELLINO DRIVE, PAC, PAL, CA902
DEATION 2323' FEL & 2063' FSL - SEC 23, T41N-RIW  2323' FEL & 2063' FSL - SEC 23, T41N-RIW  2323' FEL & 2063' FSL - SEC 23, T41N-RIW  240	deral State of Indian Lease Number — X — 1 NA	ADDRESS ADDRESS 1-23
AST PRODUCTION TEST  OIL N/A (Bibla)  AND PRODUCING FROM N/A TO  COMPLETE CASING RECORD.  7" casing cmtd @ 57' 5" Open hole 6½" Hammer Drill with Air from 57' 5" to 540'.  PRODUCING FROM N/A TO  7" casing cmtd @ 57' 5" Open hole 6½" Hammer Drill with Air from 57' 5" to 540'.  WELL SF 1-23 is Planned for ABANDONMENT in accord with USDI-BIM Rules and State of Arizona Oil and Gas Commission Regulations.  PROPOSED WORK: 1/ Well SF 1-23 will be filled with 3/8"minus Filler from 540' to approximately 60' using transit mix dement true and approx. 4 yds of the filler mix.  2/ Using small pickup cement truck, plan to cement Well from approx. 4 yds of the filler mix.  2/ Using small pickup cement truck, plan to cement Well from approx. 511up point, 60', to ground level & Sanul yeld & Fatel plate to top 07 "csg cut to Grd Level. Plate reads; SHIELDS FED 1-23 NWNWSE S23 41N 1W A2 816 DATE COMMENCING OPERATIONS FEBRUARY 5, 1990 (Subject to weather). Will confirm.  NAME OF PERSON DOING WORK Shields - Chamberlin ADDRESS KANECO, Kanab, Utah  Date Approved Address  JANUARY 29, 1990  Date  Date Approved Office of ARIZONA OIL & GAS CONSERVATION COMMISSION Application program debandon File Two Copies		
LLOWABLE (If Assigned)  N/A  AST PRODUCTION TEST  OIL N/A (Bbis.)  GAS (MCF)  DATE OF TEST  RODUCING HORIZON NONE N/A PRODUCING FROM N/A TO  COMPLETE CASING RECORD.  7" casing cmtd @ 57' 5" Open hole 6½" Hammer Drill with Air from 57' 5" to 540'.  PROPOSED WORK: 1/Well SF 1-23 will be filled with 3/8"minus Filler from 540' to approximately 60' using transit mix cement truc and approx. 4 yds of the filler mix.  2/ Using small pickup cement truck, plan to cement Well from approx. fillup point, 60', to ground level & annul 3/Weld & steel plate to top of 7"csg cut to Grd Level. Plate reads; SHIELDS FED 1-23 NWNWSE S23 4IN NAZ S16 DATE COMMENCING OPERATIONS FERRUARY, 5, 1990 (Subject to Weather). Will confirm.  NAME OF PERSON DOING WORK Shields - Chamberlin ADDRESS KANECO, Kanab, Utah  Date Approved Address  JANUARY 29, 1990  Date  Date Approved Appro	CATION 2323' FEL & 2063'	F5L - 3EC 23, 141R XX
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AST PRODUCTION TEST  OIL N/A (8bls.) WATER N/A (8bls.)  GAS (MCF) DATE OF TEST  RODUCING HORIZON NONE N/A PRODUCING FROM N/A TO  COMPLETE CASING RECORD.  7" casing cmtd @ 57' 5" Open hole 6½" Hammer Drill with Air from 57' 5" to 540'.  WELL SF 1-23 is Planned for ABANDONMENT in accord with USDI-BLM Rules and State of Arizona oil and Gas Commission Regularions. PROPOSED WORK: 1/ Well SF 1-23 will be filled with 3/8"minus Filler from 540' to approximately 60' using transit mix cement true and approx. 4 yds of the filler mix.  2/ Using small pickup cement truck, plan to cement Well from approx. fillup point, 60', to ground level & abnul 3/8 weld & steel plate to top of 7"csg cut to Grd Level. Plate reads; SHIELDS FED 1-23 NWNWSE S23 41N 1W AZ 816  DATE COMMENCING OPERATIONS EPERDIARY S, 1990 (Subject to Weather) Will confirm.  NAME OF PERSON DOING WORK Shields - Chamberlin ADDRESS KANECO, Kanab, Utah  Date Approved 2/2 Address JANUARY 29, 1990  Date STATE OF ARIZONA OIL& GAS CONSERVATION COMMISSION Application to Plug and Abandon File Two Copies		or Dry Hole)
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GAS	27 / 2	(Bbis.) WATER N/A (Bbis.)
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Signature PRESIDENT, SHIELDS EXPLORATION COMPANY  Title  320 BELLINO DRIVE, PACIFIC PALISADES, CA 9027: Address  JANUARY 29, 1990  Date  STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION Application to Plug and Abendon File Two Copies	540' to an	oproximately 60' using transit mix cement truck
Date Approved  STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION OIL & GAS CONSERVATION COMMISSION  PRESIDENT, SHIELDS EXPLORATION COMPANY  320 BELLINO DRIVE, PACIFIC PALISADES, CA 9027: Address  JANUARY 29, 1990 OIL & GAS CONSERVATION COMMISSION Application to Plug and Abendon File Two Copies	540' to ap and approx 2/ Using smal from appro 3/ Weld %"ste Plate read DATE COMMENCING OPERATIONS FEBRUA	proximately 60' using transit mix cement truck. 4 yds of the filler mix.  If pickup cement truck, plan to cement Wellox. fillup point, 60', to ground level & annulated plate to top of 7"csg cut to Grd Level.  Is; SHIELDS FED 1-23 NWNWSE S23 41N 1W AZ 816  ARY 5, 1990 (Subject to weather) Will confirm.
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Date    Date   Date	540' to ap and approx and approx 2/ Using smal from approx 3/ Weld %"ste Plate read DATE COMMENCING OPERATIONS FEBRUA NAME OF PERSON DOING WORK Shields-	proximately 60' using transit mix cement truck.  A yds of the filler mix.  Il pickup cement truck, plan to cement Wellox. fillup point, 60', to ground level & annulosel plate to top of 7"csg cut to Grd Level.  Is; SHIELDS FED 1-23 NWNWSE S23 41N 1W AZ 816  ARY 5, 1990 (Subject to weather) Will confirm.  Chamberlin ADDRESS KANECO, Kanab, Utah  Signature PRESIDENT, SHIELDS EXPLORATION COMPANY
Date  STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION OIL & GAS CONSERVATION COMMISSION  OIL & GAS CONSERVATION COMMISSION  File Two Copies	540' to ap and approx  2/ Using smal from approx  3/ Weld %"ste Plate read plate read part commencing operations February NAME OF PERSON DOING WORK Shields-	oproximately 60' using transit mix cement truck.  A yds of the filler mix.  Il pickup cement truck, plan to cement Wellox. fillup point, 60', to ground level & annulated plate to top of 7"csg cut to Grd Level.  Its; SHIELDS FED 1-23 NWNWSE S23 41N 1W AZ 816  ARY 5, 1990 (Subject to weather) Will confirm.  Chamberlin ADDRESS KANECO, Kanab, Utah  Signature PRESIDENT, SHIELDS EXPLORATION COMPANY  Title  320 BELLINO DRIVE, PACIFIC PALISADES, CA 90272
Date Approved  STATE/OF ARIZONA  OIL & GAS CONSERVATION COMMISSION  OIL & GAS CONSERVATION COMMISSION  File Two Copies	540' to ap and approx and approx 2/ Using smal from approx 3/ Weld %"ste Plate read DATE COMMENCING OPERATIONS FEBRUANAME OF PERSON DOING WORK Shields-	oproximately 60' using transit mix cement truck.  A yds of the filler mix.  Il pickup cement truck, plan to cement Wellox. fillup point, 60', to ground level & annulated plate to top of 7"csg cut to Grd Level.  Is; SHIELDS FED 1-23 NWNWSE S23 41N 1W AZ 816  ARY 5, 1990 (Subject to weather) Will confirm.  Chamberlin ADDRESS KANECO, Kanab, Utah  Signature PRESIDENT, SHIELDS EXPLORATION COMPANY  Title  320 BELLINO DRIVE, PACIFIC PALISADES, CA 90272  Address
STATE/OF ARIZONA OILS GAS CONSERVATION COMMISSION Application to Plug and Abendon File Two Copies	540' to ap and approx and approx 2/ Using smal from approx 3/ Weld \( \frac{1}{2}\)"ste Plate read DATE COMMENCING OPERATIONS FEBRUA NAME OF PERSON DOING WORK Shields-	proximately 60' using transit mix cement truck.  A yds of the filler mix.  Il pickup cement truck, plan to cement Wellox. fillup point, 60', to ground level & annulated plate to top of 7"csg cut to Grd Level.  Is; SHIELDS FED 1-23 NWNWSE S23 41N 1W AZ 816  ARY 5, 1990 (Subject to weather) Will confirm.  Chamberlin ADDRESS KANECO, Kanab, Utah  Signeture PRESIDENT, SHIELDS EXPLORATION COMPANY  Title  320 BELLINO DRIVE, PACIFIC PALISADES, CA 90272  Address  JANUARY 29, 1990
OIL & GAS CONSERVATION COMMISSION File Two Copies	540' to ap and approx and approx 2/ Using smal from approx 3/ Weld \( \frac{1}{2}\)"ste Plate read DATE COMMENCING OPERATIONS FEBRUA NAME OF PERSON DOING WORK Shields-	proximately 60' using transit mix cement truck.  A yds of the filler mix.  Il pickup cement truck, plan to cement Wellox. fillup point, 60', to ground level & annulated plate to top of 7"csg cut to Grd Level.  Is; SHIELDS FED 1-23 NWNWSE S23 41N 1W AZ 816 ARY 5, 1990 (Subject to weather) Will confirm.  Chamberlin ADDRESS KANECO, Kanab, Utah  Signature PRESIDENT, SHIELDS EXPLORATION COMPANY  Title  320 BELLINO DRIVE, PACIFIC PALISADES, CA 90272 Address  JANUARY 29, 1990  Date  STATE OF ARIZONA
1) \( \frac{1}{2} \)	540' to ap and approx 2/ Using smal from approx 3/ Weld ½"ste Plate read DATE COMMENCING OPERATIONS FEBRUA NAME OF PERSON DOING WORK Shields-	proximately 60' using transit mix cement truck. 4 yds of the filler mix.  Il pickup cement truck, plan to cement Wellox. fillup point, 60', to ground level & annulated plate to top of 7"csg cut to Grd Level.  Is; SHIELDS FED 1-23 NWNWSE S23 41N 1W AZ 816 ARY 5, 1990 (Subject to weather) Will confirm.  Chamberlin ADDRESS KANECO, Kanab, Utah  Signature PRESIDENT, SHIELDS EXPLORATION COMPANY  Title  320 BELLINO DRIVE, PACIFIC PALISADES, CA 90272  Address  JANUARY 29, 1990  Date  STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION
1 DV. / / / / / / / / / / / / / / / / / / /	2/ Using smal from approx 3/ Weld %"ste Plate read DATE COMMENCING OPERATIONS FEBRUA NAME OF PERSON DOING WORK Shields-	oproximately 60' using transit mix cement truck. 4 yds of the filler mix.  Il pickup cement truck, plan to cement Wellox. fillup point, 60', to ground level & annulated plate to top of 7"csg cut to Grd Level.  Is; SHIELDS FED 1-23 NWNWSE S23 41N 1W AZ 816 ARY 5, 1990 (Subject to weather) Will confirm.  Chamberlin ADDRESS KANECO, Kanab, Utah  Signature PRESIDENT, SHIELDS EXPLORATION COMPANY  Title  320 BELLINO DRIVE, PACIFIC PALISADES, CA 90272  Address  JANUARY 29, 1990  STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION Application to Plug and Abendon

4. N. .

Form Approved. RECEIVED Budget Bureau No. 42-R1424 Dec. 1973 DEPARTMENT OF THE INTERIOR 18 1984 5. LEĀSE PIN 814 A = 104576. IF INDIAN, ALLOTTEE OR TRIBE NAME GEOLOGICAL SURVEY D & G CONS. COMM. 7. UNIT AGREEMENT NAME SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9–331–C for such proposals.) 8. FARM OR LEASE NAME Shields Federal 1. ail 💢 9. WELL NO. other #1-23 2. NAME OF OPERATOR 10. FIELD OR WILDCAT NAME SHIELDS EXPLORATION COMPANY White Sage Prospect 3. ADDRESS OF OPERATOR 11. SEC., T., R., M., OR BLK. AND SURVEY OR 320 BELLINO DRIVE, PACIFIC PALISADES, CA 90272 AREA Sec 23, T41N-R1W G&SRBM 4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 12. COUNTY OR PARISH 13. STATE AT SURFACE: 2323' fEl & 2063' f Sl, Sec 23, Coconino Arizona T41N-R1W AT TOP PROD. INTERVAL: Same 14. API NO. 02-005-20025 AT TOTAL DEPTH: same 16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, 15. ELEVATIONS (SHOW DF, KDB, AND WO) 4983 REPORT, OR OTHER DATA SUBSEQUENT REPORT OF: REQUEST FOR APPROVAL TO: TEST WATER SHUT-OFF FRACTURE TREAT SHOOT OR ACIDIZE (NOTE: Report results of multiple completion or zone REPAIR WELL change on Form 9~330.) PULL OR ALTER CASING MULTIPLE COMPLETE CHANGE ZONES ABANDON\* (other) 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\* PROPOSAL FOR ABANDONMENT: The subject Well is proposed for Abandonment in the near future and at such time as weather conditions will permit. Federal and State Regulations will be observed and, when plans can be made, you will be advised in advance of the actual plugging and capping of each well. As the current abandonment markers are unsightly and not environmentally suitable, it is requested that this well be capped with a suitably inscribed steel plate welded to the top of the existing 7" casing (approximately G.L.). Pease advised of your decision in the foregoing proposal. 18. I hereby certify that the foresping is true and correct TITLE President (This space for Federal or State office use)

\*See Instructions on Reverse Side

R.A.Y.

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED Budget Bureau No. 42-R1424 Form 9-331 Dec. 1973 FEB 1 1983 UNITED STATES 5. LEASE DEPARTMENT OF THE INTERIOR A-10457 GEOLOGICAL SURVEY 0 & G CONS. COMM. 6. IF INDIAN, ALLOTTEE OR TRIBE NAME 7. UNIT AGREEMENT NAME SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.) 8. FARM OR LEASE NAME Shields Federal gas well well 🔯 9. WELL NO. #1-23 2. NAME OF OPERATOR 10. FIELD OR WILDCAT NAME SHIELDS EXPLORATION COMPANY White Sage Prospect 3. ADDRESS OF OPERATOR 320 BELLINO DRIVE, PACIFIC PALISADES, CA 90272 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 23, T41N-R1W G&SRBM 4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 AT SURFACE: 2323' fEl & 2063' f Sl, Sec 23, 12. COUNTY OR PARISH 13. STATE Coconino Arizona T41N-R1W AT TOP PROD. INTERVAL: Same API NO. 02-005-20025 AT TOTAL DEPTH: same 16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, 15. ELEVATIONS (SHOW DF, KDB, AND WD) 4983 REPORT, OR OTHER DATA REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF: TEST WATER SHUT-OFF FRACTURE TREAT SHOOT OR ACIDIZE (NOTE: Report results of multiple completion or zon REPAIR WELL change on Form 9-330.) PULL OR ALTER CASING MULTIPLE COMPLETE CHANGE ZONES ABANDON\* Update of Operations (other) 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\* January 15, 1983: Opened steel plate welded on 7" surface csg. (No prod csg run). No pressure or odor. Ran measuring and sampling device. Found top of fluid, tan water, at approx. 350' (TD 546'). Replaced steel plate. This well was drilled to TD on Sept. 16, 1982. Ref 0 & G Regs 10/27/82--#221.29, request authorization for 12 month delay (To Sept 16, 1983) in abandonment to continue monitoring as Well had some oil shows below 400 '. 18. I hereby certify that the foregoing is true and correct January 27, 1983 TITLE President

816

APPROVED BY

CONDITIONS OF APPROVAL IF ANY:

\*See Instructions on Reverse Side

(This space for Federal or State office use)

TITLE

* *	and the second of the second	RECEIVE	**	14
Form 9-331 Dec. 19/3	Ç	SEP 29 1982		et Bureau Ng. 42-R1424
	UNITED STATES	O. R. G. CONS. COMM.	5. LEASE	1)
	UNITED STATES DEPARTMENT OF THE II GEOLOGICAL SURV	NTERIOR	A-10457  6. IF INDIAN, ALLOTTE	E OR TRIBE NAME
	GEOLOGICAL SORV			
SUNDR	Y NOTICES AND REPO	RTS ON WELLS	7. UNIT AGREEMENT N	IAME
(Do not use this	s form for proposals to drill or to deep orm 9–331–C for such proposals.)	en or plug back to a different	8. FARM OR LEASE NA	ME
Teserani, osci			Shields Federa	
1. oil (X)	gas well other		9. WELL NO.	
2. NAME O	F OPERATOR		#1-23 10. FIELD OR WILDCAT	MANAG
	S EXPLORATION COMPANY		White Sage Pro	
3. ADDRES	S OF OPERATOR	MITCADES CA 00272	11. SEC., T., R., M., OR	BLK. AND SURVEY OR
320 BE	LLINO DRIVE, PACIFIC P	ALISAUES, CA 90272	ARFA	
	ON OF WELL (REPORT LOCATION	N CLEARLY. See Space 17	Sec 23, T41N-	RIW G&SRBM
below.) AT SUR	FACE: 2323' FE1 & 2063' PROD. INTERVAL: SAME	' f S1, Sec 23, T41N-R1W	12. COUNTY OR PARISI COCONINO	13. STATE Arizona
AT TOT	AL DEPTH: Same APPROPRIATE BOX TO INDICA	ATE NATURE OF NOTICE	14. API NO. 02-005-20025	
16. CHECK REPORT	T, OR OTHER DATA	TE MITORE OF THE WAR	15. ELEVATIONS (SHO	W DF, KDB, AND WD)
TEST WATE FRACTURE SHOOT OR REPAIR WE PULL OR A MULTIPLE CHANGE ZO ABANDON* (other)	TREAT	SEQUENT REPORT OF:	change on Form	
includi measu	RIBE PROPOSED OR COMPLETED ing estimated date of starting an ired and true vertical depths for a	Il markers and zones pertine	nt to this work.)*	
Arizonand certo TD oil-sa anhydr	d September 14, 198 a. Drilled 8 5/8" mented 7" casing. 550' in White Rim 8 turated dolomite, 1 ite from below 400 metal container to red. Set plate on	hole to 5/'5" ( Drilled ahead w SS. Logged alte black shale, gre ' to 540'. No f	ith <b>6</b> ½" hammer rnating beds o y siltstone and ree oil in well mber 20. No o	drill and air fine grained, d oil-stained l bore. Ran il or water
18. I h <b>ò</b> ye	eby certify that the logegoing is ry	e and correct	Conto	mber 24, 1982
SIGNED	Joy M Street	President President		MIDCL DT 1. UE
<del></del>	18.1	(This space for Federal or State	office use)	

816

APPROVED BY CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

\_ TITLE \_\_

\_DATE\_

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Form Approved. Budget Bureau No. 42-R1424 Farm 9-331 Dec. 1973 UNI STATES 5. i E DEPARTMENT OF THE INTERIOR A-10457 6. IF INDIAN, ALLOTTEE OR TRIBE NAME RECEIVED GEOLOGICAL SURVEY SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.) 8. FARM OR LEASE NAME Shields Federal& G CONS. COMM. oil 🔀 - gas 🔲 9. WELL NO. #1-23 2. NAME OF OPERATOR 10. FIELD OR WILDCAT NAME -SHIELDS EXPLORATION COMPANY White Sage Prospect 3. ADDRESS OF OPERATOR 11. SEC., T., R., M., OR BLK. AND SURVEY OR 320 BELLINO DRIVE, PACIFIC PALISADES, CA 90272 **AREA** 4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 Sec 23, T41N-R1W G&SRBM AT SURFACE: 2323' fE1 & 2063' f S1, Sec 23, 12. COUNTY OR PARISH 13. STATE Coconino Arizona AT TOP PROD. INTERVAL: Same **T41N-R1W** 14. API NO. 02-005-20025 AT TOTAL DEPTH: same 16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, 15. ELEVATIONS (SHOW DF, KD8, AND WD) 4983 REPORT, OR OTHER DATA SUBSEQUENT REPORT OF: REQUEST FOR APPROVAL TO: TEST WATER SHUT-OFF FRACTURE TREAT SHOOT OR ACIDIZE (NOTE: Report results of multiple completion or zone REPAIR WELL change on Form 9-330.) PULL OR ALTER CASING MULTIPLE COMPLETE **CHANGE ZONES** ABANDON\* (other) Prep to Spud 17. DESCRIBE: PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

The SF #1-23 is scheduled for drilling on September 13, 1982. Estimated TD - 500'. Contractor: Jim Williams Well Drilling,

e and correct

TITLE President

\*See Instructions on Reverse Side

(This space for Federal or State office use)

DATE September 9, 1982

816

Skull Valley, Arizona.

18. I hereby certify that the for

CONDITIONS OF APPROVAL, IF ANY:

Form 9-331	<i>C</i> .	RECEIVE		Form Approved. Budget Bureau No. 42–R1424
Dec. 1973	UNL_D STATES	AUG 27 19	Z 5.	LŁ-«SE
	DEPARTMENT OF THE INTER	IOR	l l	A-10457
	GEOLOGICAL SURVEY	O & G CONS. CO	) <sup>(111</sup> 6.	IF INDIAN, ALLOTTEE OR TRIBE NAME
SUNDR'	Y NOTICES AND REPORTS  form for proposals to drill or to deepen or proposals.)	ON WELLS		UNIT AGREEMENT NAME
reservoir. Use.Fo	orm 9-331-C for such proposals.)		_ 8.	FARM OR LEASE NAME
1. oil 🖂	gas 🗇		<u>-</u>	Shields Federal
well 💭	well U other		9.	WELL NO. #1-23
	F OPERATOR		10	FIELD OR WILDCAT NAME
	S EXPLORATION COMPANY		-  10.	White Sage Prospect
3, ADDRESS	OF OPERATOR LLINO DRIVE, PACIFIC PALIS	SADES. CA 9027	/2 ii.	SEC., T., R., M., OR BLK. AND SURVEY OR
4. LOCATIO	N OF WELL (REPORT LOCATION CLE	ARLY. See space 17		AREA Sec 24, T41N-R1W, G&SRBM
below.) AT SURI AT TOP	FACE: 2323' fEl & 2063' fSl PROD. INTERVAL: same	of Sec 23, T41N-R1W	12.	COUNTY OR PARISH 13. STATE Arizona
	L DEPTH: same	ATURE OF MOTICE	14	. API NO. 02-005-20025
	APPROPRIATE BOX TO INDICATE N , OR OTHER DATA		*	ELEVATIONS (SHOW DF, KDB, AND WD)
REQUEST FO	OR APPROVAL TO: SUBSEQUE	ENT REPORT OF:	•—	
MULTIPLE C CHANGE ZO ABANDON*	FREAT		(1	NOTE: Report results of multiple completion or zone change on Form 9–330.)
	BE PROPOSED OR COMPLETED OPE og estimated date of starting any prop ed and true vertical depths for all mark	ncen work. It well is	s unect	pertinent details, and give pertinent dates, ionally drilled, give subsurface locations and this work.)*

(This space for Federal or State office use)

TITLE DATE \_\_\_\_\_

DATE August 24, 1982

"See instructions on Reverse Side

18. I hereby certify that the foregoing is true and correct

APPROVED BY ... CONDITIONS OF APPROVAL, IF ANY:

The Shields Federal #1-23 is scheduled for drilling on or about Monday, September 6, 1982. Jim Williams will be Drilling Contractor. Jay Shields can be reached after August 27, at Parry's Lodge, Kanab, Utah, 801/644-2601

RECEIVED Form approved. Budget Bureau No. 42-R1425 SUBMIT IN TRIPL Max 4 1982 (Other instruction reverse side) UNITED STATES 0 & G CONS. COMM. DEPARTMENT OF THE INTERIOR 5. LEADE DESIGNATION AND SERIAL NO. A-10457 GEOLOGICAL SURVEY APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK 7. UNIT AGREEMENT NAME IE. TYPE OF WORK PLUG BACK DEEPEN [ DRILL 🗵 D. TYPE OF WELL 6. FARM OR LEADE NAME MULTIPLE WELL X OTHER Wildcat Shields Federal 2. HAME OF OPERATOR 9. WELL NO. 3. ADDRESS OF OPERATOR 320 Bellino Drive
Pacific Palisades, CA 90272

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)
At surface SHIELDS EXPLORATION COMPANY 1-23 10. FIELD AND POOL, OR WILDCAY Wildcat 11. SEC., T., B., M., OR BLK. AND SURVEY OR ARMA 2323' from East line and 2063' from South line of 23,T41N-R1W, G&SRBM At proposed prod. zone Section 23, T41N-R1W, G&SRBM 12. COUNTY OR PARISH | 13. STATE 14. DIRTANCE IN MILES AND DIRECTION PROM NEAREST TOWN OR POST OFFICE Coconino, Arizona 11 miles East of Fredonia, Arizona NO. OF ACRES ASSIGNED TO THIS WELL IG. NO. OF ACRES IN LEARS 13. DISTANCE FROM PROFUSED\* 5110 South to LL LOCATION TO NEAREST FT.

(Also to dearest drig. unit line, if any, 330 to DUL

18. DISTANCE PROM PROFUSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED 4620 East OR APPLIED FOR, ON THIS LEASE, FT. to SF 5-24 20. BOTARY OR CABLE TOOLS 2558.12 19. гвогозкр регти Rotary | 22. APPROX. DATE WORK WILL START\* 21. ELEVATIONS (Show whether DF, RT, GR, etc.) <u> August 15, 1982</u> 4983 GR PROPOSED CASING AND CEMENTING PROGRAM 23. QUANTITY OF CEMENT RETTING DEPTH WEIGHT PER FOOT BIZE OF CASING SIZE OF HOLE 15sx (to surface) 14# 10.5# 10" 63" 400 - 480' 43" <u>75sx (est.)</u> Drilling will be done with air. A 10½" hammer drill will be used to 40' where 7" casing will be run and cemented. A 62" hammer drill will then be used to TD. Open hole testing is planned with continuous monitoring of the returns at the blooie line. While there was no observed pressure in the SF #1-24 or the SF #5-24 Wells during drilling, there will be a stand-by water supply available and a 4" line carrying returns away from the rig site. If indicated, well will be completed as proposed. All State and Federal Regulations will be observed. JUL 19 1982 IN ABOVE SPACE PERCRIER PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive sone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowest preventer program, if any. (This space for Federel of State office use) PERMIT NO. J. P. Wagner nek, 0 & G, Mastern Region

> √Oil & Gas Conservation Commission \_\_\_Phoenix, Arizona

MMSEE ATTACHED CONDITIONS AND REQUIREMENTS

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Form 9-1123 (Rev. Dec. 1957)

(Subr )n triplicate to appropriate Regional Our and Gas or Mining Supervisor)

### DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

DISTRICT LAND OFFICE:

A 10457 and A 13137 SERIAL NO.:

and hereby designates

NAME:

SHIELDS EXPLORATION COMPANY

ADDRESS:

320 BELLINO DRIVE, PACIFIC PALISADES, CA 90272

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

A 10457

T41N- R1W Sec. 23, E1/2; Sec. 24, All; Sec. 25, All; Sec. 26, E1/2.

T41N - R1E

Sec. 19, Lots 1,2,3,4 and  $E_{2}^{1}W_{2}$ ; Sec. 30, Lots 1,2,3,4 and  $E_{2}^{1}W_{2}$ ; Containing 2558.12 acres, Coconino County, Arizona

A13137 T41N - R1W

Sec. 26, NW4; Sec. 27, NE4; Sec. 22, E5 Containing 640 acres, Coconino County, Arizona

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.

SHIELDS 1981 PROGRAM by Shields Exploration General Partner delignature of lessoe)

July 15, (Date) 320 Bellino Drive, Pacific Palisades, CA 90272

OCTERMENT PRINTING OFFICE 16-53584-2

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ADDLIC	ATION FOR PERMIT	TO DRILL OR	RE-ENTER	AUG 5	1982
APPLICATION TO D	•		RE-ENTER O	LD WELL	$\Lambda \nu$
				O&G CONS	s. comm. W
SHIELDS EXPLORATION COMPA	<u>NNY</u>				
320 BELLINO DRIVE	PACIFIC P	ALISADES,	CA	LIFORNIA	90272
	Cit		<del></del> _	State	
Address					
JIM WILLIAMS WELL DRILLI	<u> </u>				
Orilling Contractor P. O. Box 102	SKULL VAL	LEY	AR	RIZONA	86338
Address					<del> </del>
	DESCRIPTION OF	WELL AND LEASE	·		·
ederal, State or Indian Lease Number, or	if fee lease, name of lessor	Well number		Elevation (ground	)
Federal #A-10457		Shields Federa		4983'	
Vearest distance from proposed location oproperty or lease line:		completed or applied—	for well on the	same lease:	
5110	S feet		4620' E		feet
Number of acres in lease: 2558	12	Number of wells on lea completed in or drilling	se, including the total services to this reserve	ns well, pir:	
2330	. 14		seven		
If lease, purchased with one or more wells drilled, from whom purchased:	Name	A	ddress		
	I Section tou	mship-range or block and	survev	Dedication (Com	ply with Rule 105
Well location (give footage from section line 2323' from E & 2063' from		41N 1W G&SRBI	M NW SK	80 acres	see plat)
Field and reservoir (if wildcat, so state)		County			7-7
Wildcat		Coconino			<u> </u>
Distance in miles, and direction from near 11 Miles East of Fredon	ia, Arizona		_		
Proposed depth:	Rotary or cable tools		Approx. da	te work will start 15, 1982	
5001	. Rotary Organization Report		Filing Fee		
Bond Status On file Amount \$25,000		Or attached X	Attached	Χ	
Dk					
Plan to drill to approx testing is planned with	continuous monitor	ring of the retu	riis at ti		ine.
SHIELDS EXPLORATION COM report was prepared under my supervision	PANY (company) on and direction and that the fac	, and that I am authorized cts stated therein are true, Signature	by said compa correct and co	iny to make this remplete to the yest	port; and that this of hy converge
\$ 1l		Date			<del>-</del>
Permit Number:  Approval Date:  ### Approved By:  ###################################	z Vana		GAS CONSER Application to	F ARIZONA VATION COMMIS Drill or Re-enter	SSION
that a Refere seeding in this form	n be sure that you have given Much unnecessary correspond.	Form No. 3	File Tv	wo Copies	

(Complete Reverse Side)

(MEREE 1848)

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N .	_	
1. Operator shall outling the dedicated act	for both oil and gas wells on the plat.	ι.
1. Obelator man ontine the degree of	3 101 20 20 20 20 20 20 20 20 20 20 20 20 20	<b>\</b> .'

- 2. A registered professional engineer or land surveyor registered in the State of Arizona or approved by the Commission shall show on the plat the location of the well and certify this information in the space provided.
- 3. ALL DISTANCES SHOWN ON THE PLAT MUST BE FROM THE OUTER BOUNDARIES OF THE SECTION.
- 4. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES\_\_\_\_\_NO\_\_X\_\_
- 5. If the answer to question four is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES X NO . . . If answer is "yes," Type of Consolidation Limited Partnership
- 6. If the answer to question four is "no," list all the owners and their respective interests below:

Grade & Type K-55

K-55

Weight 15#

10.5#

Hise of Gasina 7"

4½" (if required for production)

Owner	SHIELDS 1981 PROGRAM	Land Description	NW	NW	SE	Section	23
	(SHIELDS EXPLORATION COOPERATOR)	T41N -	R1W C	oconino	Cour	nty, Arizo	na
					CERT	IFICATION	
	i . )	is Federal #1-23	41 N	Name J Position	is true my kno ayM. resid	s Explorat	to the
	23,	2323' 2310' -	-	shown field no me or t the sam	on the ites of under n e is true	y that the well plat was plot actual surveys ny supervision, e and correct t dge and belief.	made by and that
	R 1 W	000 1500 1000 500		Registe	red Pro Land S	ofessional Engineers	neer
0 33	0 660 990 1320 1030 1300 2010 1001	OSED CASING PROGRAM	<del></del>		<u> 2.5.</u>	7010 0	<u></u>

Tep Bellem Gementing Depths Sacks Gement Type
Surf 40' 15 Class A
Surf 450' TD to Surf 75 Halliburton

1.0



# PERMIT TO DRILL

This constitutes the permission and authority from the

OIL AND GAS CONSERVATION COMMISSION, STATE OF ARIZONA,

· •		SHI	ELDS EXPLOS	MITA	COMPANY		
То:			(OF	PERATOR)		<del></del>	
		to	drill a well	to be k	nown as		
		±	1-23 1	federal	•		
			(WELL	NAME)			•
	2323' FRO	M BAST LINE	& 2063' F	ROM SOL	ITH LINE	(ny se)	
located		· · · · · · · · · · · · · · · · · · ·					
S1' 2	3 Tower	hin 41NORT	H Range 1	WEST		COCONINO	County, Arizona,
Section						<del>-</del>	
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	wnship and R	4					
in full com	pliance with	all applicable	: laws, statu	tes, rule	es and regu	ulations of the	n and must be drilled e State of Arizona.
	d this_Sth	day of	August			, 19_	82
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PERMIT	Nº	816					f Arizona
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TEN FOOT SAMPLES ARE REQUIRED FROM SURPACE

2294

API NO. 02-005-20025

RECEIPT NO.

Permit to Drill

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49287 4907T 7703/7767 50 Muggins Flat 7.5' Correct  $Q_{\delta}$ 15t00

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\$2555 WW.

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SHIELDS EXPLORATION CO.

320 BELLINO DRIVE PACIFIC PALISADES, CA 90272 PHONE (213) 459-2490

> Re: Plugging Records Wells SF 1-19A, 2-19, 6A-24, 11-24, & 1-23

P/N 816

Mr. Dan Brennan, Secretary Arizona Oil and Gas Conservation Commission 5150 North 16th Street - Suite B-141 Phoenix, Arizona 85016

Dear Mr. Brennan:

Attached are the Records for the Wells which we have plugged on February 5 & 6.

Fortunately, there was a window in the weather during the period from our arrival on Feb. 3rd to departure on the 8th. Sorry that you or Mr. Rauzi were unable to be there for the proceedings. Mr. Haas and Ms.Roberts of the BLM came up and observed the procedures, Mr. Haas for the 3 days and Ms Roberts during the plugging of the three open holes.

There were no problems. The cement transit trucks arrived on schedule and the wet sand and gravel went downhole very nicely. It's a good method especially in shallow and fractured rock. The cement plugs worked fine, being handled by an expert water well driller with a pick-up truck, hose and pump.

The cased holes, 2-19 & 6A-24, presented no problems especially with Dowell-Schlumberger on hand. Expensive but got job done. Used a gismo built by our welder to block the hole for surface plug on 2-19. Plate attached to a heavy wire did the job. On 6A, since Dowell had brought plenty of cement, I decided to cement in the whole works so we gave the well 54 sax from TD at 491; to the surface

Ms. Roberts from St. George examined all well sites and we have that end of the job in hand. Will seed later in the spring.

Sincerely,

SHIELDS EXPLORATION COMPANY

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#### Oil and Gas Conservation Commission

STATE OF ARIZONA

5150 N. 16th STREET, SUITE B-141 PHOENIX, ARIZONA 85016 PHONE: (602) 255-5161

February 7, 1990

Jay M. Shields Shields Exploration 320 Bellino Drive Pacific Palisades, CA 90272

RE: Shields Federal No. 1-19A, State Permit No. 814
Shields Federal No. 1-23, State Permit No. 816
Shields Federal No. 11-24, State Permit No. 817
Shields Federal No. 6A-24, State Permit No. 775

Dear Mr. Shields:

Enclosed are the approved Application to Plug and Abandon for the referenced wells.

Sincerely,

5 Leven L. Raris

Steven L. Rauzi Oil & Gas Specialist copies to welfeles 816, 817, 275, 853, 814, 859

#### SHIELDS EXPLORATION CO.

320 BELLINO DRIVE PACIFIC PALISADES, CA 90272

PHONE (213) 459-2490

Mr. Dan Brennan Secretary, Arizona Oil and Gas Conservation Comm. 3110 North 19th Avenue Suite 190 Phoenix, Arizona 85015

Dear Mr. Brennan:

In reply to Rudy Ybarra's letter of July 22nd and with reference to recent telephone conversations with you and Mr. Ybarra concerning the abandonment of additional shallow Wells drilled by Shields Exploration Company on the White Sage Prospect, we have checked our records and enclose a Well Location Map showing the status of each Well. Listed below are the Wells and our plans for the shallow ones that have not yet been abandoned.

Our/records indicate that the Travis Federal 1-24 and the Shields Federal #1-24, #2-24, #4-24, #5-24 and the #1-19 are P&A. The record does not confirm the status of the #1-23 and it will be checked on site.

The Shields Federal #11-24 and #6A-24 have been kept in the Temporary Abandonment category pending final analysis and decisions regarding the results of the deepening of the #1-19A Well (Feb 1988). We will now plan to abandon the #11-24 and the 6A-24 and, if not already officially abandoned, the #1-23 at such time as we next commence operations on the White Sage Lease.

It is most important to our present and future plans to maintain the Shields Federal #2-19 and #11-24 Deeper Tests in their current shut-in status.

I would like to take this opportunity to thank you, Mr. Ybarra and the Oil and Gas Commission for the help and cooperation provided down through the years. We look forward to a successful conclusion recognizing that the finding of commercial oil on the Frontier is important to us all.

Sincerely,

Jay M. Shields

Out Well Location Map - White Sage Prospect

wood Permet I shalls 1-24 7-19 853 715 12-24 -859 703 Travis 1-71 shirlds 2.74 271 772 4-24 274 5-24 814 1-19 816 1-23 817 11-24 64.24 775

OF REAL PROPERTY. T 41 N 8/30/88 Ø To Be Abandoned © Temporary Abandonment Abandoned COCONINO CO., ARIZONA Shields Exploration Co. -0) WHITE SAGE PROSPECT WELL STATUS MAP 1-19A 650dd OO2-19 3756 1-19 500 24 3183 G&SRBM <u>.</u> ~ 2-24 500 <u>М</u> 5-24 480 4-24 750 ROAD NOSNHOO TANK WHITE ROAD - Ø 1-23<sup>-</sup>550 DADAY 6

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SHIELDS EXPLORATION CO.

320 BELLINO DRIVE PACIFIC PALISADES, CA 90272 PHONE (213) 459-2490 RECEIVED DCT 18 1983

October 14, 1983

Mr. Rudy Ybarra
Oil and Gas Conservation Commission
State of Arizona
1645 West Jefferson, Suite 420
Phoenix, Arizona 85007

Dear Rudy:

I understand from Bob West that you and AK were up in Fredonia a short while ago just after we left. Sorry to have missed you and sorry to hear that the Brooks Well didn't find anything.

We were up at our lease primarily to bail the shallow wells. Results are attached. We will now have to bite the bullet and go about abandonment procedures. I had hoped that we would see a little oil after fracing. Would you please send me a batch of the necessary abandonment forms?

The shallow well data has also been sent on to the BLM in St. George together with water samples of the #1-23, #11-24 and #1-19A wells. The other wells were frac'd and fluid is still strongly acid.

Did you see the Article in the September Issue of the Oil and Gas Investor? Sure a lot of smoke with no fire. Maybe 1984 or ?

Very best to you both. Will keep you advised and hold kind thoughts.

Sincerely,

M. Shields

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Enclosures:

Bailing Redord

cc Oil & Gas Investor Magazine article

Shiele - I sent the requested forms on 10/26/13

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SHIELDS EXPLORATION CO

320 BELLINO DRIVE PACIFIC PALISADES, CA 90272 PHONE (213) 459-2490 OCT 18 1983

O4 G CONS. COMM.

October 14, 1983

## INTERIM REPORT WHITE SAGE PROSPECT - COCONINO COUNTY, AZ

Existing shallow wells, all drilled by Air-Hammer, were bailed on September 26, 1983. Results were as follows:

- SF #2-24 Spud 11/11/81. TD 500'. PBTD 480'. Cored 454'-472'.

  Rec 18'. Log DIL CDL. Cmtd 4½" csg @ 430': Acid

  HCl + N2. Valve opened. Slight pressure acid odor.

  Recovered bits grey ss and grey mud. No fluid.
- SF #4-24 Spud 11/19/81. TD 750'. PbTD 475'. Cored 445' 460' and 731' 750'. Rec 34'. Log DIL CBL. Cmtd 4½" csg @ 426'. 4½" Bull Plug opened. Weak blow. Odd odor, slightly acidy. Recovered small amount blk sludge. No fluid.
- SF #5-24 Spud 11/4/81. TD 480'. Cored 453' 462'. Rec 9'.

  Log DIL CDL. Cmtd 4½" csg @ 434'. Acid HCl + N2.

  Valve was open. No pressure. S and acidy odor.

  Recovered cloudy, acidy water. Approx 10' water in hole.
- SF #6A-24 Spud 12/1/81. TD 490'. Cored 465' 473'. Rec 8". Log DIL CDL. Cmtd 4½" csg @ 434'. Acid HCl + N2. Valve was open. No pressure. No odor. Recovered clear, acidy water. Top water 400' + or -.
- SF #11-24 Spud 8/28/82. TD 540'. Cmtd 7" csg @ 40'. Hole open to TD. Sampled. Not logged. Plate no valve. No pressure. No odor. Recovered several cans light tan water. Slite S odor. Top water 450' + or -.
- SF #1-23 Spud 9/14/82. TD 550'. Cmtd 7" csg @ 55'. Hole open to TD. Sampled. Not logged. Plate. No valve. No odor. Top water @ approx 400'. Recovered lite tan water earthy odor.
- SF #1-19 Spud 8/30/82. Td 420'. Drill stuck. Abandoned hole. Sampled. Not logged. Marked with 4' = 4½" pipe. P & A 9/13/82.
- SF #1-19A Spud 9/7/82. TD 500'. Cmtd 7" csg @ 40'. Hole open 100'N 30°W to TD. Sampled. Not logged. Plate. No valve. Small Offset to amt. fluid @ TD. Top approx. 490'. Recovered lite SF #1-19. greyish water with oily odor.
- SF #1-24 TD 482'. P&A 12/30/81.
- TF #1-24 TD 900'. P&A 9/13/82.

August 6, 1982

Mr. J. M. Shields Shields Exploration Co. 320 Bellino Dr. Pacific Palisades, CA 90272

Re: Permit 814, Shields 1-19 Federal Permit 815, Shields 1-22 Federal Permit 816, Shields 1-23 Federal Permit 817, Shields 11-24 Federal

Dear Mr. Shields:

Enclosed are approved application for permit to drill, permit, and receipt for each of the above referenced wells.

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If we can be of further service, please advise.
Sincerely,

R. A. Ybarra Enforcement Director

/os Enc. ^

### SHIELDS EXPLORATION COMPANY 320 Bellino Drive Pacific Palisades, California 90272 (213) 459-2490

My

RECEIVED
AUG 5 1982

D & G CONS. COMM.

August 2, 1982

Mr. A. K. Doss, Secretary Arizona Oil and Gas Conservation Commission 1645 West Jefferson, Suite 420 Phoenix, Arizona 85007

Re: SHIELDS FEDERAL #1-19, T41N-R1E, Coconino Co., AZ SHIELDS FEDERAL #1-23, T41N-R1W, Coconino Co., AZ SHIELDS FEDERAL #1-22, T41N-R1W, Coconino Co., AZ SHIELDS FEDERAL #11-24, T41N-R1W, Coconino Co., AZ

Dear Mr. Doss:

I would like to make formal requests for four (4) Drilling Permits for four (4) wildcat wells, the Shields Federal #1-19 to be drilled for oil in Section 19, T41N-R1E, and the Shields Federal #1-22 in Section 22, the Shields Federal #1-23 in Section 23, and the Shields Federal #11-24 in Section 24 - all in T41N-R1W, all in Coconino County, AZ.

In accordance with requirements of the Commission, I enclose the following forms and documents:

- Shields Federal #1-19, #1-22, #1-23 and #11-24
   a) Application for Permit to Drill including Survey Plat of Location by Phil Drake, R.L.S., Utah for the Shields Federal #1-19, #1-22, #1-23 and #11-24
  - b) Designation of Operator SF #1-19, #1-22, #1-23, #11-24
  - c) Organization Reports SF #1-19, #1-22, #1-23, #11-24
  - d) 4 Checks for filing fee (\$25.00 each) SF#1-19, #1-22, #1-23, #11-24

On file in your office is a Performance Bond for \$25,000.

All of the above applications have been filed with John Wagner, USGS, Bakersfield, CA. I hope to get underway late August. I will be going down dip on these wells looking for permeability. The chances are excellent. How about coming up again when we drill through the zone?

I hope the well up Whittman way came through. Let me know if I can help.

Thanks for your good help and cooperation.

Best regards,

Jay M. Shields

JMS/mmor

Enclosures: For Shields Federal #1-19, #1-22, #1-23, #11-24

cc (2 each) Application for Permit to Drill and Survey Plats

cc (2 each) Designation of Operator cc (1 each) Organization Report

Check for \$25.00 Filing Fee (1 each)

Total Enclosures: 32 (7 for each wellsite plus 4 checks)

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SHIELDS 1981 PROGRAM

PACIFIC PALISADES, CA

DETACH AND RETAIN THIS STATEMENT
ACHED CHECK IS IN PAYMENT OF ITEMS DESCRIBED BELOW.
ORRECT PLEASE NOTIFY US PROMPTLY. NO RECEIPT DESIRED.

DELUXE FORM WVC-3 V-2

AMBUNT DATE DESCRIPTION Arizona Oil & Gas Conservation Commission/ Filing Fee for SHields Federal #1-23 Ck #303: 8/1/82 \$25.00

P/N 816 2294